

Wednesday, 4 October				
from	to	Name	First name	Topic
<i>Session Chair: Daniela Matei</i>				
11:30	11:35	Weitz	Antje	Opening of the retreat
11:35	12:15	Marotzke	Jochem	Introduction
12:15	12:30	Schwoon	Malte	A Tool to Optimize the Initial Distribution of Hydrogen Filling Stations
12:30	12:45	Link	P. Michael	The economic development of the Arcto-Norwegian cod and capelin fisheries in scenarios of thermohaline circulation weakening
12:45	13:00	Aghedo	Adetutu M.	Global Impacts of Air Pollution in Africa
13:00	14:00	<i>lunch break</i>		
<i>Session Chair: Felix Landerer; Co-Chair: Katsumasa Tanaka</i>				
14:00	14:15	Fröling	Maria	Modelling Global Anthropogenic Carbon Dioxide Emissions From the Pre-Industrial Era to the Present
14:15	14:30	Anthoff	David	Equity and climate change
14:30	14:45	Koldunov	Nikolay	Comparison of sea ice characteristics in the MPI-M coupled model with observations from the northern hemisphere
14:45	15:00	Winterfeldt	Jörg	Is there an added value for marine wind fields derived from regional atmospheric models?
15:00	15:15	Hünicke	Birgit	Statistical Downscaling of climate drivers of decadal winter Baltic Sea level variability in 1800-2100
15:15	16:00	<i>Break</i>		
<i>Session Chair: Katsumasa Tanaka; Co-Chair: Felix Landerer</i>				
16:00	16:15	Trusilova	Kristina	Impacts of urbanization on the climate in Europe
16:15	16:30	Bhend	Jonas	First steps towards the detection of a human influence on observed precipitation changes over Europe
16:30	16:45	Sicardi	Valentina	The remote sensing and data assimilation for the global atmosphere / ocean carbon cycle: Step 1 – Future change in Ocean circulation and Carbon Cycle inferred from O ₂ fluxes
16:45	17:00	Jung	Martin	Uncertainties of modelling gross primary production: Models vs. Drivers
17:00	17:15	Katrynski	Krzysztof	Atmospheric volatile organic compounds (VOCs), concentrations and fluxes over a central Siberian forest
17:15	17:30	Summary & discussion of presentations		
17:30	19:30	ExeCom meeting (for other participants possibility to schedule Advisory Panel meetings)		
19:30	20:30	<i>Dinner</i>		
20:30	Open	City of Schwerin (optional)		

Thursday, 5 October				
<i>Session Chair: Malte Schwoon; Co-Chair: Maria Fröling</i>				
08:30	08:45	Tanaka	Katsumasa	Synthesis of the Earth system measurements and modeling since 1750
08:45	09:00	Pongratz	Julia	Anthropogenic land cover change in the last millennium - assessing its extent and consequences for climate
09:00	09:15	Heyder	Ursula	Biome shifts under climate change – an LPJ modelling study
09:15	09:30	Erbrecht	Tim	The terrestrial biosphere in the anthropocene – between greening and weeding
09:30	09:45	Gupta	Shalini	Estimation of Global Wood Production under the Millennium Ecosystem Scenarios till 2050
09:45	10:00	Pfeffer	Melissa	Environmental effects of anthropogenic, fire, and volcanic emissions in Indonesia and Malaysia
10:00	10:30	<i>Break</i>		
<i>Session Chair: Maria Fröling; Co-Chair: Malte Schwoon</i>				
10:30	10:45	Thomas	Manu	Improvements made in the radiation scheme of ECHAM5 – Pinatubo, a case study
10:45	11:00	Matei	Daniela	Subtropical forcing of decadal ENSO modulation
11:00	11:15	Punge	Heinz-Jürgen	Impact of the quasi-biennial oscillation on trace gas distributions in the atmosphere
11:15	11:30	Wan	Hui	The MPI-M/DWD icosahedral atmospheric model: from 2D to 3D
11:30	11:45	Sillmann	Jana	Towards the influence of climate modes on climate extremes
11:45	12:00	Seiffert	Rita	Studying the impact of small scale fluctuations on climate response to CO ₂ -forcing using Fokker-Planck equation
12:00	12:30	Summary and discussion of the presentations		
12:30	13:30	<i>Lunch</i>		
<i>Session Chair: Adetutu Aghedo; Co-Chair: Krzysztof Katrynski</i>				
13:30	13:45	Li	Qian	Climatological Analysis of Planetary Wave Propagation in Northern Hemisphere Winter
13:45	14:00	O'Donnell	Declan	Towards the assessment of the climate impact of organic aerosols
14:00	14:15	Banse	Dorothea	The influence of aerosols on North Atlantic cyclones
14:15	14:30	Martinez	Nidia	Impact of Saharan Dust on the Circulation of the North Atlantic
14:30	14:45	Zhu	Xiuhua	Multidecadal Variability- a teleconnection mode?
14:45	15:00	Heinemann	Malte	Global warming and abrupt ocean circulation changes at the Paleocene/Eocene boundary (55 Ma)
15:00	15:30	<i>Break</i>		
15:30	15:45	Landerer	Felix	Ocean Bottom Pressure and Length-of-Day Changes in a Warming Climate
15:45	16:00	Summary and discussion of the presentations		
16:00	16:20	Introduction of the new IMPRS-ESM e-learning initiative (<i>presented by Birgitta Godt</i>)		
16:20	19:00	Discussion session (<i>Chairs: Claas Teichmann and Dorothea Banse</i>)		
19:00	20:00	<i>Dinner</i>		
20:00	open			

Friday, 6 October				
from	to	Name	First name	Topic
<i>Session Chair: Xiuhua Zhu; Co-Chair: David Anthoff</i>				
08:30	08:45	Sauer	Timm	Integrating water use in the global land-use model KLUM
08:45	09:00	Engvall	Ingrid	Modelling of global water resources and environmental water requirements on a seasonal scale
09:00	09:15	Teichmann	Claas	Climate and Air Pollution Modelling in South America
09:15	09:30	Jantke	Kerstin	Land-use option conservation: Habitat requirements for wetland species in Europe
09:30	09:45	Schleupner	Christine	Modelling of potential European wetland sites for optimal land use options
09:45	10:00	summary & discussion of presentations		
10:00	10:30	<i>break</i>		
<i>Session Chair: David Anthoff; Co-Chair: Xiuhua Zhu</i>				
10:30	10:45	Osmani	Dritan	The case of two self-enforcing international agreements for environmental protection
10:45	11:00	Heinrichs	Katrin	Non-OECD energy demand and Temperature
11:00	11:15	Guglielmo	Francesca	Using a GCM to investigate the fate of toxic organics
11:15	11:30	Calzadilla	Alvaro	Food and water security under global change
11:30	11:45	Weis	Philipp	The Influence of Ocean Tides on Earth Rotation
11:45	12:15	summary & discussion of presentations and of the retreat; outlook to retreat 2007		
12:30	14:00	<i>lunch break</i>		
14:00		<i>End</i>		